

FORM PTO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 11-2000)		ATTORNEY'S DOCKET NUMBER NEC PNDF-02155
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>10/501195</b> )
INTERNATIONAL APPLICATION NO. <b>PCT/JP03/00148</b>	INTERNATIONAL FILING DATE <b>January 10, 2003 (01/10/2003)</b>	PRIORITY DATE CLAIMED <b>January 10, 2002 (01/10/2002)</b>
TITLE OF INVENTION <b>METHOD OF ARRANGING MICRO SPHERES WITH LIQUID, MICRO SPHERE ARRANGING DEVICE, AND SEMICONDUCTOR DEVICE</b>		
APPLICANT(S) FOR DO/EO/US <b>HAZEYAMA et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> <p><b>Items 13 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>ER825577051US</b></li> <li>23. <input type="checkbox"/> Other items or information:</li> </ol>		

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) <b>107501195</b>		INTERNATIONAL APPLICATION NO. - <b>PCT/JP03/00148</b>		ATTORNEY'S DOCKET NUMBER <b>NEC PNDF-02155</b>	
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24. The following fees are submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b>					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>					
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<b>\$920.00</b>	
				<b>\$130.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	24 - 20 =	4	x \$18.00	<b>\$72.00</b>	
Independent claims	23 - 3 =	20	x \$86.00	<b>\$1,720.00</b>	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2,842.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$0.00</b>	
<b>SUBTOTAL =</b>				<b>\$2,842.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$2,842.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2,842.00</b>	
				Amount to be: refunded \$	
				charged \$	


a.	<input checked="" type="checkbox"/>	A check in the amount of <del>\$2,842.00</del> <b>\$2,712.00</b> to cover the above fees is enclosed.
b.	<input type="checkbox"/>	Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
c.	<input checked="" type="checkbox"/>	The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>08-1391</b>
d.	<input type="checkbox"/>	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Norman P. Soloway**  
**HAYES SOLOWAY P.C.**  
130 W. Cushing Street  
Tucson, AZ 85701

  
SIGNATURE  


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**Norman P. Soloway**  
NAME  


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**24,315**  
REGISTRATION NUMBER  


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**July 9, 2004**  
DATE  


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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s):

**10/501195**

NEC PNDF-02155

Application No.

Filing Date

July 9, 2004

Examiner

DT04 Rec'd PCT/PTO 09 JUL 2004

Customer No.

Group Art Unit

Invention:

**METHOD OF ARRANGING MICRO SPHERES WITH LIQUID, MICRO SPHERE ARRANGING DEVICE, AND SEMICONDUCTOR DEVICE**

I hereby certify that the following correspondence:

U.S. National stage patent application

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 9, 2004*(Date)*Sharon McKniff*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*ER825577051US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

10/501195

DT04 Rec'd PCT/PTO 09 JUL 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: HAZEYAMA et al.  
Filed: July 9, 2004  
For: METHOD OF ARRANGING MICRO SPHERES WITH LIQUID,  
MICRO SPHERE ARRANGING DEVICE, AND SEMICONDUCTOR  
DEVICE

DOCKET: NEC PNDF-02155

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUBMISSION OF INCOMPLETE APPLICATION

Dear Sirs:

Submitted herewith is a transmittal letter and accompanying patent application documents which are incomplete due to the omission of a Declaration and Power of Attorney. The Applicants are **Ichiro HAZEYAMA**, c/o NEC Corporation, 7-1 Shiba 5-chome, Minato-ku, Tokyo, Japan, who is a Japanese citizen; **Masahiro KUBO**, c/o NEC Corporation, 7-1 Shiba 5-chome, Minato-ku, Tokyo, Japan, who is a Japanese citizen; **Sakae KITAJO**, c/o NEC Corporation, 7-1 Shiba 5-chome, Minato-ku, Tokyo, Japan, who is a Japanese citizen; **Kazuhiko FUTAKAMI**, c/o JAPAN EM CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, Japan, who is a Japanese citizen; **Shinichi ISHIDUKA**, c/o JAPAN EM CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, Japan, who is a Japanese citizen; **Susumu NANKO**, c/o JAPAN EM CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, Japan, who is a Japanese citizen; **Hitoshi ANMA**, c/o JAPAN EM CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, Japan, who is a Japanese citizen; **Tosiji YAMADA**, c/o JAPAN

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10/501195

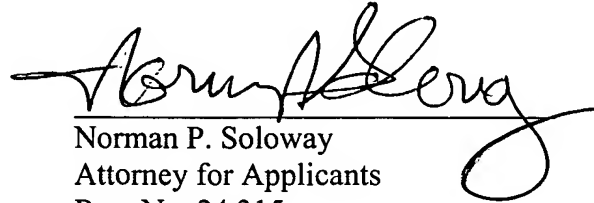
Docket No. NEC PNDF-02155  
Submission of Incomplete Application  
DT04 Rec'd PCT/PTO 09 JUL 2004

EM CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, Japan, who is a Japanese citizen;

Akeo KATAHIRA, c/o JAPAN EM CO., LTD., 883-3, Koike-cho, Hamamatsu-shi,

Shizuoka, Japan, who is a Japanese citizen. Other details will be found on the transmittal letter.

Respectfully submitted,

  
Norman P. Soloway  
Attorney for Applicants  
Reg. No. 24,315

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" Mailing Label No: ER825577051US  
Date of Deposit: July 9, 2004

I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to: MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of person mailing   
Name of person mailing Sharon McKniff

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